

ABSTRACT

A method of high-speed reading in a text-to-
5 speech conversion system including a text analysis module
(101) for generating a phoneme and prosody character string
from an input text; a prosody generation module (102) for
generating a synthesis parameter of at least a voice
segment, a phoneme duration, and a fundamental frequency
10 for the phoneme and prosody character string; and a speech
generation module (103) for generating a synthetic waveform
by waveform superimposition by referring to a voice segment
dictionary (105). The prosody generation module is
provided with both a duration rule table containing
15 empirically found phoneme durations and a duration
prediction table containing phoneme durations predicted by
statistical analysis and, when the user-designated
utterance speed exceeds a threshold, uses the duration rule
table and, when the threshold is not exceeded, uses the
20 duration prediction table to determined the phoneme
duration.

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